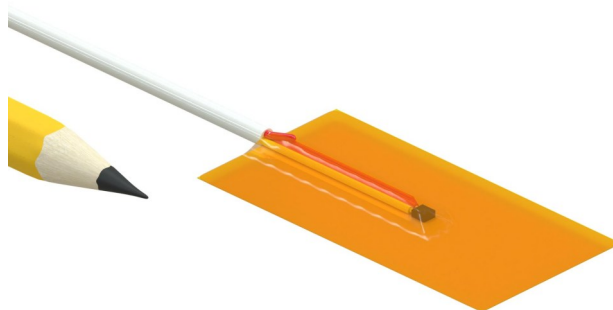


SURFACE MOUNT STICK-ON RTD

Fast Response Stick-On Surface RTD

FEATURES

- Thin Film PT100 or PT1000 RTD Element
- Kapton tape with self-adhesive backing for easy installation
- Made in the USA
- Teflon™ wires with Teflon™ over jacket
- Designed for research & development applications



SPECIFICATIONS

RTD element type: Thin film platinum, 100Ω at 0°C, $\alpha = 0.00385$

Range: -50 to 500°F (-45 to 260°C)

Accuracy: Class A, $\pm(0.15 + 0.002 \times |T|)$ °C

Tape Material: Polyimide plastic with Silicone adhesive

Tape dimensions: W = 1.0" x L = 2.0" (25.4 mm x 50.8 mm), Thickness 0.006" (0.15 mm)

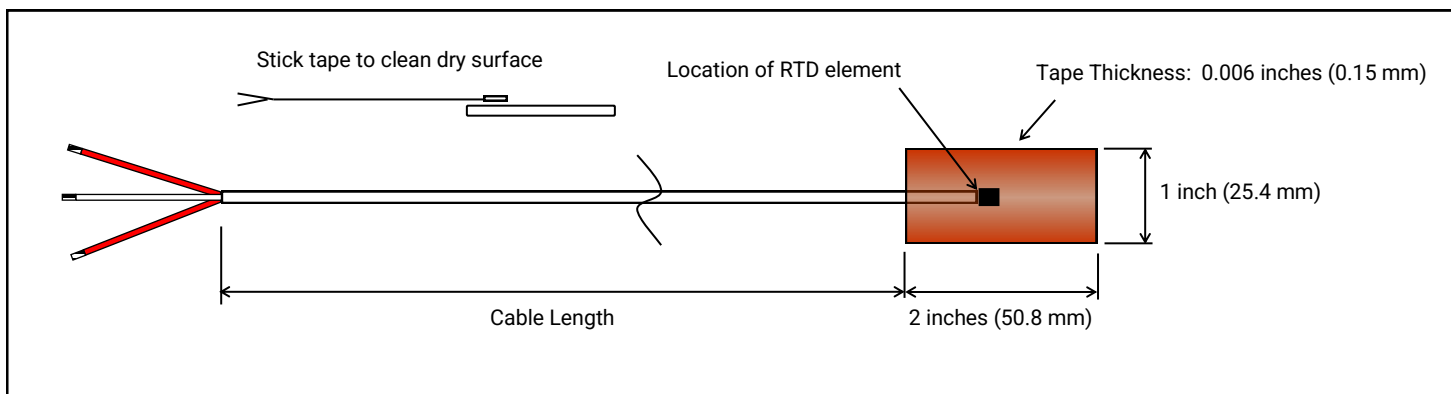
RTD Element dimensions: W = 0.09" x L = 0.08" (2.3 mm x 2.1 mm), Thickness 0.04" (0.9 mm)

Response Time*: 3 Seconds

***Time Constant:** Defined as the time required to reach 63.2% of an instantaneous temperature change
Five time constants are required to approach 100% of the step change value

Lead Wire: Teflon™ insulated with Teflon™ outer jacket, 24 AWG, stranded conductors

Wiring: 3-Wire



ORDERING INFORMATION

Model	RTD Element Type	Cable Length	Connector
SSP-RTD	- □ □ □ □ □	- □ □ □	- □ □
	PT100 Platinum 100Ω PT1000 Platinum 1000Ω	036 36 inches 072 72 inches 180 180 inches	N No connector MP Male mini-plug SP Standard plug

ORDERING EXAMPLE

SSP-RTD-PT100-180-N: Stick On RTD, PT100 Element, 180 inch long cable, no connector

CUSTOM CONFIGURATIONS AVAILABLE

